



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Carter et al. Examiner: UNKNOWN  
Serial No.: 10/632,057 Group Art Unit: UNKNOWN  
Filed: JULY 31, 2003 Docket: 758.1427USU1  
Due Date: OCTOBER 31, 2003  
Title: ADSORPTIVE DUCT FOR CONTAMINANT REMOVAL, AND METHODS

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: , Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 29, 2003.

By: Rebecca Ralls  
Name: Rebecca Ralls

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450



Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 4 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: Mara E. Liepa  
Name: Mara E. Liepa  
Reg. No.: 40,066  
MELIEPA:rlr



N 10/632,057

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Carter et al.	Examiner:	Unknown
Serial No.:	10/632,057	Group Art Unit:	Unknown
Filed:	July 31, 2003	Docket No.:	758.1427USU1
Title:	ADSORPTIVE DUCT FOR CONTAMINANT REMOVAL, AND METHODS		

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By: Rebecca Ralls  
Name: Rebecca Ralls

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

It is Applicants understanding that for applications filed after June 30, 2003, the requirement under 37 C.F.R. § 1.98 (a)(2)(i), that a copy of each cited U.S. patent and U.S. patent application be provided, has been waived. Thus, this application having been filed after June 30, 2003, only copies of the non-US patent references are provided herewith.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P. C  
P. O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 371-5222

Date: October 29, 2003

By Mara E. Liepa  
Mara E. Liepa  
Reg. No. 40,066  
MEL:rlr





## INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

758.1427USU1

Application Number:

10/623,057

Applicant: Carter et al.

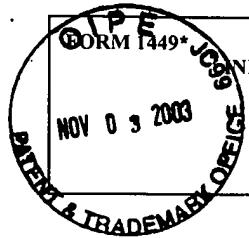
Filing Date: 07/31/2003

Group Art Unit: Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,038,071	04/1936	Wilhelm			
	2,907,075	10/06/1959	N.D. Newby			
	3,094,492	06/18/1963	Miller et al.			
	3,454,502	07/08/1969	A. X. Hiltgen et al.			
	3,664,095	05/1972	Asker et al.			
	3,721,072	03/20/1973	Clapham			
	3,813,347	05/28/1974	Hayes			
	3,965,695	06/1976	Rush et al.			
	4,051,098	09/27/1977	Takemura et al.			
	4,155,123	05/22/1979	Popper			
	4,510,193	04/1985	Blucher et al.			
	4,517,308	05/14/1985	Ehlenz et al.			
	4,665,050	05/12/1987	Degen et al.			
	4,678,771	07/07/1987	Beitinger et al.			
	4,843,739	07/04/1989	von Blücher et al.			
	4,954,465	09/04/1990	Kawashima et al.			
	5,009,308	04/23/1991	Cullen et al.			
	5,033,465	07/23/1991	Braun et al.			
	5,098,621	03/24/1992	Hermann			
	5,148,337	09/15/1992	Cullen et al.			
	5,154,960	10/13/1992	Mucci et al.			
	5,155,146	10/13/1992	Reetz			
	5,182,140	01/26/1993	Watanabe et al.			
	5,212,131	05/18/1993	Belding			
	5,261,169	11/16/1993	Willford			
	5,288,299	02/22/1994	Yoshida et al.			
	5,350,443	09/27/1994	von Blücher et al.			
	5,352,274	10/04/1994	Blakley			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



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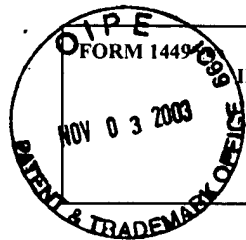
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,356,278	10/18/1994	Reetz			
	5,372,303	12/13/1994	Paul			
	5,422,138	06/06/1995	Watanabe et al.			
	5,435,958	07/25/1995	Dinnage et al.			
	5,480,621	01/1996	Breuer et al.			
	5,505,769	04/09/1996	Dinnage et al.			
	5,540,916	07/30/1996	Parks			
	5,542,968	08/06/1996	Belding et al.			
	5,556,030	09/17/1996	Paul			
	5,558,714	09/24/1996	Watanabe et al.			
	5,574,821	11/12/1996	Babasade			
	5,593,482	01/14/1997	Dauber et al.			
	5,599,445	02/04/1997	Betz et al.			
	5,607,580	03/04/1997	Betz et al.			
	5,609,756	03/11/1997	Betz et al.			
	5,611,486	03/18/1997	Paul			
	5,620,603	04/15/1997	Betz et al.			
	5,630,937	05/20/1997	Betz et al.			
	5,636,628	06/10/1997	Barnum			
	5,653,875	08/05/1997	Betz et al.			
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	5,693,385	12/02/1997	Parks			
	5,702,780	12/30/1997	Tiller et al.			
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	5,753,357	05/19/1998	Filipitsch et al.			
	5,758,508	06/02/1998	Belding et al.			

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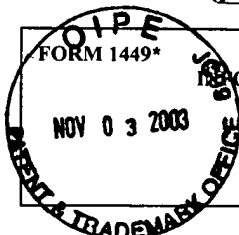
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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,763,335	06/09/1998	Hermann			
	5,766,290	06/16/1998	Zievers et al.			
	5,792,244	08/11/1998	Morlec et al.			
	5,817,168	10/06/1998	Wheless			
	5,824,246	10/20/1998	Reetz			
	5,860,284	01/19/1999	Goland et al.			
	5,890,372	04/06/1999	Belding et al.			
	5,891,508	04/06/1999	Barnum			
	5,924,221	07/20/1999	Schuver et al.			
	5,958,098	09/28/1999	Heung			
	6,025,287	02/15/2000	Hermann			
	6,083,857	07/04/2000	Böttger et al.			
	6,117,218	09/12/2000	Snyder et al.			
	6,120,584	09/19/2000	Sakata et al.			
	6,146,451	11/14/2000	Sakata et al.			
	6,165,252	12/2000	Kendall, Robert M.			
	6,228,506	05/2001	Hosatte et al.			
	6,231,644	05/2001	Jain et al.			
	6,331,351	12/2001	Waters et al.			
	6,352,578	03/2002	Sakata et al.			
	6,413,303	07/2002	Gelderland et al.			
	6,468,428	10/2002	Nishii et al.			
	Re 37,779	07/2002	Kuma et al.			
	US-2001/0029843	10/2001	Minoru et al.			

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	<b>IN AN APPLICATION</b>		Applicant: Carter et al.	
	(Use several sheets if necessary)		Filing Date: 07/31/2003	Group Art Unit: Unknown

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	1001804	06/04/1997	NL				X
	DE 19814123	10/07/1999	DE				X
	GB 2050194	01/07/1981	GB				
	GB 2198053	06/08/1988	GB				

<b>23552</b> PATENT TRADEMARK OFFICE
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